

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

H. YAMAZAKI et al

Serial No.

Filed: March 8, 2002

For: INSPECTION DEVICE AND SYSTEM FOR INSPECTING
FOREIGN MATTERS IN LIQUID FILLED IN TRANSPARENT
CONTAINER

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to the examination thereof, please amend the above-identified application as follows.

IN THE CLAIMS

Please rewrite claims 3, 4 and 9 as set forth below.

3. (Amended) An inspection devices for detecting a foreign matter in liquid filled in a transparent container according to claim 1, wherein the image processing means detects foreign matters for every first and second picture images taken by he first and second image taking means as well as compares the foreign matters detected from the first and second picture images to judge characteristics of the foreign matters.

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4. (Amended) A foreign matter inspection system in which transparent contains being filled with liquid are successively conveyed and the foreign matter inspection device according to claim 1 is disposed along the conveying route.

9. (Amended) A foreign matter inspection device for inspecting foreign matters in liquid filled in a transparent container according to claim 5, wherein the first and second irradiation lights from the first and second irradiation light sources are guided through a light guide device.

REMARKS

Examination is respectfully requested.

Respectfully submitted,



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MARKED UP VERSION OF REWRITTEN CLAIMS

3. (Amended) An inspection devices for detecting a foreign matter in liquid filled in a transparent container according to claim 1 [or 2], wherein the image processing means detects foreign matters for every first and second picture images taken by he first and second image taking means as well as compares the foreign matters detected from the first and second picture images to judge characteristics of the foreign matters.

4. (Amended) A foreign matter inspection system in which transparent contains being filled with liquid are successively conveyed and the foreign matter inspection device according to claim 1 [or 2] is disposed along the conveying route.

9. (Amended) A foreign matter inspection device for inspecting foreign matters in liquid filled in a transparent container according to [one of] claim[s] 5 [through 8], wherein the first and second irradiation lights from the first and second irradiation light sources are guided through a light guide device.